Cruise: SK00410
Dates: June 26 - July 2, 2004
Expedition: AGSK20040625
Chief Scientists: not applicable
Equipment: Surface samples collected next to TSG from ship’s engine cooling water.
Total number of stations: VOS Underway Cruise

Chemical measurements:

**DIC:** 14 locations, 20 samples each 500-ml, 12 duplicate samples
PI: Dr. Rik Wanninkhof
Collected by: Denis Pierrot
Analyzed by: Esa Peltola

**Salinity:** 8 locations, 24 samples each 180-ml, 8 triplicates
PI: Dr. Hedinn Valdimarsson
Collected by: Denis Pierrot
Analyzed by: Magnus Danielsen, Icelandic Marine Research Institute

**TALK:**
PI: Dr. Frank Millero
Collected by: Denis Pierrot
Analyzed by:

Details:

**DIC:**
Analysis date: November 9-10, 2004
Coulometer used: AOML1
Blank range: 12.0-12.0 counts/min
CRM # used and assigned value (include both DIC and salinity): Batch 59, c:2007.1 umol/kg,S:33.316
CRM value measured: AOML 1: offset 1.0 umol/kg (2006.1 umol/kg)
Average run time, minimum run time, maximum run time: 10 min, 8 min, 11 min
Reproducibility: (# samples and average difference): 6 sets of duplicate samples, average difference 0.7 umol/kg
CRM, salinity and HgCl2 correction applied: yes
Location of analyses files: Esa's computer file/directory/name: My Documents/SOMMA/Lab Studies/2004 (7) Skogafoss Pierrot SKO410/

**Salinity:**
Analysis date: Aug, 2004
Reproducibility:
The averages and standard deviations for the eight triplicates:
UPDATE:
Between March and June of 2021, all of the data for the discrete samples was put into a uniform format. The supporting information was checked for accuracy, especially the expocode, date, time, and positions.

35.168 (+/- 0.006)
35.076 (+/- 0.003)
34.690 (+/- 0.006)
32.789 (+/- 0.022)
32.463 (+/- 0.002)
31.203 (+/- 0.008)
31.257 (+/- 0.006)
31.919 (+/- 0.001)